

In the Claims

This listing of claims will replace all prior versions and listings of claims in this application.

1-26 (cancelled).

27 (currently amended). A multi-analyte assay for determining a presence or absence of analytes in a blood, tissue or urine serum sample, wherein the analytes are antibodies, and wherein said assay comprises the following steps:

- (a) contacting a blood, tissue or urine serum sample with a plurality of ~~homologous and/or orthologous antigen~~ human or non-human leukocyte antigens as capture reagents;
- (b) measuring the reactivity of the sample with each capture reagent;
- (c) identifying the least reactive capture reagent as a negative control; and
- (d) comparing the measured reaction of the sample with the capture reagents to the measured reaction of the sample with the negative control in order to determine the presence or absence of the analytes in the sample.

28-29 (canceled).

30 (previously presented). The assay, according to claim 27, wherein the capture reagents are attached to a solid support selected from the group consisting of beads, wells, membranes and microarrays.

31-32 (cancelled).

33 (currently amended). The assay, according to claim ~~[[31]]~~27, wherein at least one of the capture reagents is a non-human leukocyte antigen.

34 (previously presented). The assay, according to claim ~~[[31]]~~27, wherein at least one of the capture reagents is a non-primate leukocyte antigen.

35 (new). The assay according to claim 27, wherein at least one of the capture reagents is a human leukocyte antigen.